

## Deliverables Listing

### Organic Analyses

- I. Chain of Custody
- II. Narrative - Describe analyses performed and discuss any problems associated with the data reported.
- III. Volatiles/Semi-Volatiles Data
  - QC Summary
    - Surrogate Recovery Summary
    - Matrix Spike/Matrix Spike Duplicate Recovery Summary
    - Method Blank Summary (list associated samples for each method blank)
    - Tuning Summary for BFB and DFTPP in chronological order by instrument
  - Sample Data (for each sample)
    - Form I (from Org. SOW) or Lab Generated Reports header must include the following:
      - sample no.
      - date received
      - matrix
      - units reported
      - amount of sample
      - date extracted (Semi-VOA only)
      - % Moisture (soils only)
      - pH (waters only)
    - Reconstructed Ion Chromatogram (RIC)
      - label internal and surrogate standards
      - normalize to highest non-solvent peak
      - header must include following:
        - sample no.
        - date and time of injection
        - instrument ID
        - lab file ID
    - Quantitation Reports
      - header must include:
        - same as for RIC
        - dilution factors
        - amount injected
    - Compound Identification (for all compds. detected except surrogates and internal standards)
      - Raw mass spectra

## Deliverables Listing Organic Analyses

- background subtracted mass spectra
- standard spectra

### Standards

- Initial Calibration Form
  - include:
    - date calibrated
    - time calibrated
    - applicable file IDs
    - response factors for each compound at each level
    - mean response factor
    - Percent Relative Standard Deviation (%RSD)
- RIC/Chromatogram and Quantitation report for each standard in initial calibration
  - in chronological order by instrument
- Continuing Calibration Form
  - include:
    - date and time calibrated
    - mean response factor from initial calib.
    - response factor from continuing calib.
    - percent difference (%D)
- Internal Standard Area Summary
  - in order by instrument
  - include:
    - continuing calib. internal standard areas
    - cont. calib. internal std. retention times
    - internal standard areas and retention times for all samples quantitated against continuing calib.

### Raw QC

- Tuning BFB/DFTPP
  - bar graph spectrum
  - mass listing
- Blank Data
- Form I or lab generated report forms
  - for each method blank
- RIC/Chromatogram
- Quantitation report
- Mass Spectrum of each positive result
  - (above same header as samples)
- Matrix Spike/Matrix Spike Duplicate Data
- Form I or lab generated report forms
- RIC/Chromatogram

## Deliverables Listing Organic Analyses

- Quantitation report
- spectra not required

Copies of Sample Preparation/Extraction Logbooks  
Run log/Injection logbook

### IV. Pesticide/PCB Data

#### QC Summary

- Surrogate Recovery Summary
- Method Blank Summary
- Matrix Spike/Matrix Spike Duplicate Recovery Summary

#### Sample Data

- Form I or lab generated report forms
- Chromatogram
  - header must include:
    - sample no.
    - volume injected
    - date and time of analysis
    - column
    - instrument identification
    - all positives labelled
- Confirmation Chromatogram (if applicable)
  - header same as above
- GC integration report
- GPC Chromatogram (if performed)
- GC/MS Spectra (if confirmation on GC/MS performed)

#### Standards Data

- Pesticide Evaluation Standards Summary
- Pesticide/PCB Standard Summary
  - include:
    - calibration factors
    - percent difference (%D) for continuing and initial calib.
- Pest/PCB standards data
- chromatogram and integration reports
  - in chronological order by instrument
  - label all peaks for individual compounds
  - list total ng injected
  - retention time and peak areas
  - date and time injected
  - GC column ID

# Deliverables Listing

## Organic Analyses

GC instrument ID

### Raw Data

#### Blank Data

- Form I or lab generated result form
- integration reports  
in chronological order

#### Matrix Spike/Matrix Spike Duplicate

- Form I or lab generated result form
- chromatogram
- integration reports